

1 **ABSTRACT**

2 A secure communication channel between an open system and a portable
3 IC device is established. An application running on the open system desiring
4 access to the information on the portable IC device authenticates itself to the
5 portable IC device, proving that it is trustworthy. Once such trustworthiness is
6 proven, the portable IC device authenticates itself to the application. Once such
7 two-way authentication has been completed, trusted communication between the
8 open system and the portable IC device can proceed, and private information that
9 is maintained on the portable IC device can be unlocked and made available to the
10 application.